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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1 of 2

Complete if Known

Application Number 09/663,554

Filing Date September 18, 2000

First Named Inventor Nathan F. Raciborski et al.

Group Art Unit | Unassigned

Examiner Name _____

Attorney Docket Number | 19396-001500US

A circular stamp with a double-line border. The outer ring contains the text "PATENT & TRADEMARK OFFICE" in a stylized, all-caps font. The inner circle contains the date "DEC 04 2000" in a bold, sans-serif font.

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FOREIGN PATENT DOCUMENTS

Examiner
Signature

Jwc

Date
Considered

4/22/03

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Filing Date	September 18, 2000
First Named Inventor	Nathan F. Raciborski et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

Attorney Docket Number

19396-001500US



OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JWC	AA	✓ <i>How FreeFlow Works</i> (2 pages), <i>Content Delivery</i> (1 page), <i>FreeFlow Benefits</i> (1st page only of 2), <i>Reporting</i> (1 page) and <i>Edge Advantage</i> (1 page), <u>Akamai Technologies, Inc.</u> , http://www.akamai.com/html/sv/code_ffshow.html , September 12, 2000.	
JWC	AB	✓ <i>Detail-Rich, Multimedia Streaming Solution</i> , <u>Mirror Image Internet, Inc.</u> , www.mirror-image.com , (2 pages).	
JWC	AC	✓ Simon Burns, <i>Speed Demons</i> , <u>Far Eastern Economic Review</u> , April 20, 2000, Vol. 163, N. 16, page 2 only of 21.	
JWC	AD	✓ John Dilley et al., <i>Improving Proxy Cache Performance: Analysis of Three Replacement Policies</i> , <u>IEEE Internet Computing</u> , (1999) Vol. 3, N. 6, pgs. 44-50.	
JWC	AE	✓ Geoff Huston, <i>Web Caching</i> , <u>Cisco Systems, Inc.</u> , http://www.cisco.com/warp/public/759/ijp_2-3/ijp_2-3_webcaching.html , pgs. 1-24.	
JWC	AF	✓ Geoff Huston, <i>Internet Performance Survival Guide QoS Strategies for Multiservice Networks</i> , Wiley Computer Publishing, John Wiley & Sons, Inc., New York, NY, (2000) pgs. 258-259, 276-277, 449-452.	
JWC	AG	✓ Allan Leinwand, <i>A Distributed-Star Overnet For Global Business Applications</i> , <u>IEEE Globecom 1998</u> , Sydney, November 8-12, 1998, Vol. 2, pgs. 1291-1296.	

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Examiner Signature	JWC	Date Considered	4/22/03
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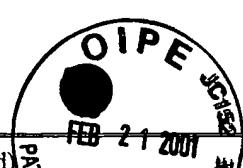
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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No.: 19396-001500US	Application No. 09/663,554			
		Applicant: Nathan F. Raciborski et al.	Group: 23 JAN 23 2001 PATENT & TRADEMARK OFFICE JC 17-3			
		Filing Date: September 18, 2000				
Reference Designation		U.S. PATENT DOCUMENTS			Page 1	
Examiner Initial	Document No.	Date	Name	Class	Filing Date (If Appropriate)	
AA						
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FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
JWC AM	WO 00/73922	12/07/00	PCT	G06 F17	00	Yes
JWC AN	WO 00/74347	12/07/00	PCT	H04 L29	06	Yes
JWC AO	WO 00/79730	12/28/00	PCT	H04 L12	00	Yes
AP						
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
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EXAMINER	JWC	DATE CONSIDERED	4/22/03			

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		Applicant: Nathan F. Raciborski et al.			
		Filing Date: September 18, 2000		Group: 2171	
Reference Designation		U.S. PATENT DOCUMENTS			Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class
<u>JWC</u> AA	6,101,180	08/2000	Donahue et al.	370	352
<u>JWC</u> AB	US 6,185,598 B1	02/2001	Farber et al.	709	200
AC					
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FOREIGN PATENT DOCUMENTS					
	Document No.	Date	Country	Class	Sub-class
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EXAMINER	<u>JWC</u>		DATE CONSIDERED	<u>4/22/03</u>	

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Reference Designation		U.S. PATENT DOCUMENTS			Page 1	
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
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FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
JWC AI	EP0837584A1	04/22/1998	Europe	H04L	29/06	Yes
JWC AJ	EP0847020A2	06/10/1998	Europe	G06F	17/30	Yes
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AM						
AN						

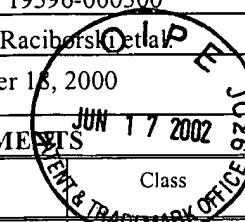
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JWC AO	Clare Bradford et al., <i>A Bandwidth Friendly Search Engine</i> , <u>Proceedings Of The International Conference on Multimedia Computing And Systems</u> , Los Alamitos, CA, June 7, 1999, Vol. 2, pgs. 720-724.
JWC AP	Fan, Li, et al., <i>Summary Cache: A Scalable Wide-Area Web Cache Sharing Protocol</i> , <u>Computer Communications Review</u> , Association For Computing Machinery, New York, October, 1998, Vol. 28, no. 4, pgs. 254-265.
JWC AQ	Gadde, Syam et al., <i>A Taste of Crispy Squid</i> , <u>Proceedings of the Workshop on Internet Service Performance</u> , June, 1998, pgs. 1-8.
JWC AR	Inohara, Shigekazu et al., <i>Self-Organizing Cooperative WWW Caching</i> , <u>Proceedings. 18th International Conference on Amsterdam</u> , Netherlands, May 26-29, 1998, pgs. 74-83.
JWC AS	Rousskov, Alex et al., <i>Cache Digests</i> , <u>Computer Networks and ISDN Systems</u> , North Holland Publishing, Amsterdam, NL, Nov. 25, 1998, Vol. 30, No. 22-23, pgs. 2155-2168.
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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Attorney Docket No.: 19396-000300 Applicant: Nathan F. Raciborski <i>Detail</i> Filing Date: September 18, 2000	Application No.: 09/665,205 Group: 2152	
Reference Designation			U.S. PATENT DOCUMENTS		
Examiner Initial	Document No.	Date	Name	Class	
<i>JWC</i> AA	5,991,306	11-23-1999	Gregory Burns et al.	H04L	
<i>JWC</i> AB	6,029,175	02-22-2000	Yen-whei Chow et al.	G06F	
AC					
FOREIGN PATENT DOCUMENTS					Technology Center 2100
	Document No.	Date	Country	Class	Sub-class
<i>JWC</i> AD	EP0837584A1	04-22-1998	European	G06F	17/30
<i>JWC</i> AE	EP0847020A2	06-10-1998	European	G06F	17/30
<i>JWC</i> AF	EP0877326A2	11-11-1998	European	G06F	17/30
<i>JWC</i> AG	WO98/18076	04-30-1998	PCT	G06F	9/46
<i>JWC</i> AH	WO98/26559	06-18-1998	PCT	H04L	29/12
<i>JWC</i> AI	WO98/17039	04-23-1998	PCT	G06F	17/30
<i>JWC</i> AJ	WO98/37667	08-27-1998	PCT	H04L	12/56
<i>JWC</i> AK	WO98/53410	11-26-1998	PCT	G06F	17/30
<i>JWC</i> AL	WO98/58315	12-23-1998	PCT	G06F	17/30
<i>JWC</i> AM	WO99/03047	01-21-1999	PCT	G06F	17/00
<i>JWC</i> AN	WO99/05584	02-04-1999	PCT	G06F	
<i>JWC</i> AO	WO00/13456	03-09-2000	PCT	H04Q	11/00
<i>JWC</i> AP	WO00/17765	03-30-2000	PCT	G06F	13/14
<i>JWC</i> AQ	WO00/28424	05-18-2000	PCT	G06F	13/00
AR					<i>Yes</i>
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AT					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
<i>JWC</i> AU	Luis Aversa et al., <i>Load Balancing A Cluster Of Web Servers Using Distributed Packet Rewriting</i> , <u>Computer Science Department Technical Report</u> , New York, NY, January 6, 1999 pages 1-13.				
<i>JWC</i> AV	Clare Bradford et al., <i>A Bandwidth Friendly Search Engine</i> , <u>Proceedings Of The International Conference on Multimedia Computing And Systems</u> , Los Alamitos, CA, June 7, 1999, Vol. 2, pgs. 720-724.				
<i>JWC</i> AW	Fan, Li, et al., <i>Summary Cache: A Scalable Wide-Area Web Cache Sharing Protocol</i> , <u>Computer Communications Review</u> , Association For Computing Machinery, New York, October, 1998, Vol. 28, no. 4, pgs. 254-265.				
<i>JWC</i> AX	Gadde, Syam et al., <i>Reduce, Reuse, Recycle, an Approach to Building Large Internet Caches</i> , <u>The Sixth Workshop on Hot Topics in Cape Cod, MA</u> , May 5-6, 1997, pgs. 93-98.				
<i>JWC</i> AY	Syam Gadde et al., <i>Web Caching and Content Distribution: A view From The Interior</i> , <u>Online Proceedings of the 5th International Web Caching and Content Delivery Workshop</u> , retrieved from Internet on April 10, 2002, Abstract, Sections 1 and 2.				
<i>JWC</i> AZ	Gulwani, Sumit et al. <i>WebCaL - A Domain Specific Language For Web Caching</i> , <u>Online Proceedings Of The 5th International Web Caching And Content Delivery Workshop</u> , at <http://www.terena.nl/conf/wcw/Proceedings/S2/S2-4.ps>, May, 2002.				



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<u>JWC</u> AAA	Gwertzman, James et al., <i>An Analysis Of Geographical Push-Caching, Harvard University, Vinton Cerf Research Group, World Wide Web Research</i> at < http://www.eecs.harvard.edu/vino/web/server.cache/icdes.ps > March-28, 2000		
<u>JWC</u> ABB	Kanchanasut, Kanchana, <i>The A13 CacheBone Project, INTERNET PROJECT WORKSHOP</i> , IWS 99 Osaka, Japan, Feb. 18-20, 1999, pgs. 203-208.		
<u>JWC</u> ACC	Rousskov, Alex et al., <i>Cache Digests, Computer Networks and ISDN Sytstems</i> , North Holland Publishing, Amsterdam, NL, Nov. 25, 1998, Vol. 30, No. 22-23, pgs. 2155-2168.		
<u>JWC</u> ADD	Tewari, Renu et al., <i>Beyond Hierarchies: Design Considerations for Distributed Caching On The Internet, UTCS Technical Report</i> , February, 1998, pgs. 1-22.		
<u>JWC</u> AEE	Sun Wu et al., <i>Virtual Proxy Servers For WWW And Intelligent Agents On The Internet, System Sciences, 1997, Proceedings Of The Thirtieth Hwaii International Conference On Wailea, HI, Los Alamitors, CA, Jan. 7, 1997</i> , pgs. 200-209.		
<u>JWC</u> AFF	Touch, Joseph D., <i>Defining High-Speed Protocols: Five Challenges And An Example That Survives The Challenges, IEEE Journal On Selected Areas In Communications</i> , IEEE Inc., New York, June 1, 1995, Vol. 13, No. 5, pgs. 828-835.		
<u>JWC</u> AGG	Zhang, Xiaolan et al., <i>HACC: An Architecture For Cluster-Based Web Servers, Proceedings Of The 3rd Usenix Windows NT Symposium</i> , Seattle, WA, July 12-15, 1999, pgs. 155-164.		
AHH			
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EXAMINER	<u>JWC</u>	DATE CONSIDERED	4/22/03

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Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
JWC AA	6,038,599	03-14-2000	Norman R. H. Black et al.			
AB						
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